

Title (en)

METHOD OF ANALYZING SPRAY PARTICULATES

Title (de)

VERFAHREN ZUR ANALYSE VON SPRÜHPARTIKELN

Title (fr)

PROCÉDÉ D'ANALYSE DE PARTICULES DE PULVÉRISATION

Publication

EP 3295143 A4 20190123 (EN)

Application

EP 16793306 A 20160509

Priority

- US 201562160287 P 20150512
- US 2016031442 W 20160509

Abstract (en)

[origin: WO2016182992A1] A wind tunnel and method of use thereof. The wind tunnel has an airflow system which is capable of delivering air vertically down through, and optionally horizontally across, a spray chamber having transparent sidewalls, wherein spray particulates produced in the spray chamber can be analyzed through the transparent sidewalls, preferably by use of a laser. The dimensions of the spray chamber are preferably greater than that of the airflow system. The use of the wind tunnel enables a wider range and more accurate spray particle measurements, especially for an agrochemical composition, to be made in a single test environment.

IPC 8 full level

G01M 9/02 (2006.01); **G01M 9/04** (2006.01); **G01N 15/02** (2006.01); **G01N 15/10** (2006.01); **G01N 15/14** (2006.01); **G01P 5/26** (2006.01)

CPC (source: EP US)

G01M 9/04 (2013.01 - EP US); **G01N 15/0205** (2013.01 - EP US); **G01N 15/0227** (2013.01 - EP US); **G01N 15/1433** (2024.01 - EP US); **G01N 15/1459** (2013.01 - EP US); **G01N 2015/1029** (2024.01 - EP US); **G01N 2015/1493** (2013.01 - EP US)

Citation (search report)

- [XYI] US 2013180325 A1 20130718 - SPANDL ERIC [US], et al
- [YA] US 2010037653 A1 20100218 - ENIS BEN M [US], et al
- [A] US 2013244877 A1 20130919 - LINDNER GREGORY JAMES [US]
- See references of WO 2016182992A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 2016031442 W 20160509; EP 16793306 A 20160509; US 201615149588 A 20160509; US 201615571325 A 20160509